

Date: Thursday, 02/10/2008 8:24:04 AM
 User: Julie Lecocq

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : BEARPAW WEARPLATE U/R
Job Number : 42381	
Estimate Number : 13113	
P.O. Number :	Part Number : D135692041
This Issue : 02/10/2008 S.O. No. :	Drawing Number : DSI9400 REVA
Prsht Rev. : NC	Project Number : N/A
First Issue : // Type : SMALL /MED FAB	Drawing Revision : A
Previous Run : 41996	Material :
Written By :	Due Date : 15/10/2008 Qty: 12 Um: Each
Checked & Approved By : JLD 08.10.02	
Comment : Est Rev:A new issue ECN1089 08-02-04 DD verified by:EC Est Rev:B ECN 1132 08-02-20 DD verified by:	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	DC	DOCUMENT CONTROL
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JLD 08.10.08



Comment: DOCUMENT CONTROL

Photocopy bluefile and create labels per PPP D135-692-041 CHG001

SOS 10/09

2.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1

3.0	D3719041	Wearplate
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Comment: Qty.: 2.0000 Each(s)/Unit Total: 24.0000 Each(s)

WEARPLATE
batch

B42382

New Batch

JS 08/10/09 X12

4.0	AN415A	Bolt
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Comment: Qty.: 8.0000 Each(s)/Unit Total: 96.0000 Each(s)

Bolt
batch

M10807JX35

M108868X61

JS 08/10/08 X12

5.0	AN960JD416	Washer
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Comment: Qty.: 8.0000 Each(s)/Unit Total: 96.0000 Each(s)

Washer
batch

M108827

JS 08/10/08 X12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 02/10/2008 8:24:04 AM
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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: BEARPAW WEARPLATE U/R

Job Number: 42381

Part Number: D135692041

Job Number:



Seq. #:	Machine Or Operation:	Description :
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6.0

MS21042L4

Nut



S Comment: Qty.: 8.0000 Each(s)/Unit Total : 96.0000 Each(s)

Nut

batch

M108145

AS

08/10/08

(X12)

7.0

QC4

INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

508/10/08

(X12)

8.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D135-692-041 CHG001

Location:

13

PPP Rev:

A

5/10/09

500

9.0

QC21

FINAL INSPECTION W/O RELEASE



Comment: FINAL INSPECTION W/O RELEASE

08/10/10

Job Completion



mf 08-10-09

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D135-692 REV. A

REF. FAA STC: SR01042SE

The D135-692-041 Wearplate Kit can be installed on Dart D135-692-011 Bearpaw Installations. The D3719-041 Wearplates should be installed on the D3049-1 Bearpaws as shown in Figure 1 on sheet 2 of this service instruction. The bearpaw should otherwise be installed on the skidtube per installation instructions IIN-D135-692 Rev. A.

WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D135-692-041	2.24 lb	0.0 in	0.0 in-lb	199.7 in	447 in-lb
Wearplate Kit	1.0 kg	0.0 m	0.0 m-kg	5.07 m	5.1 m-kg

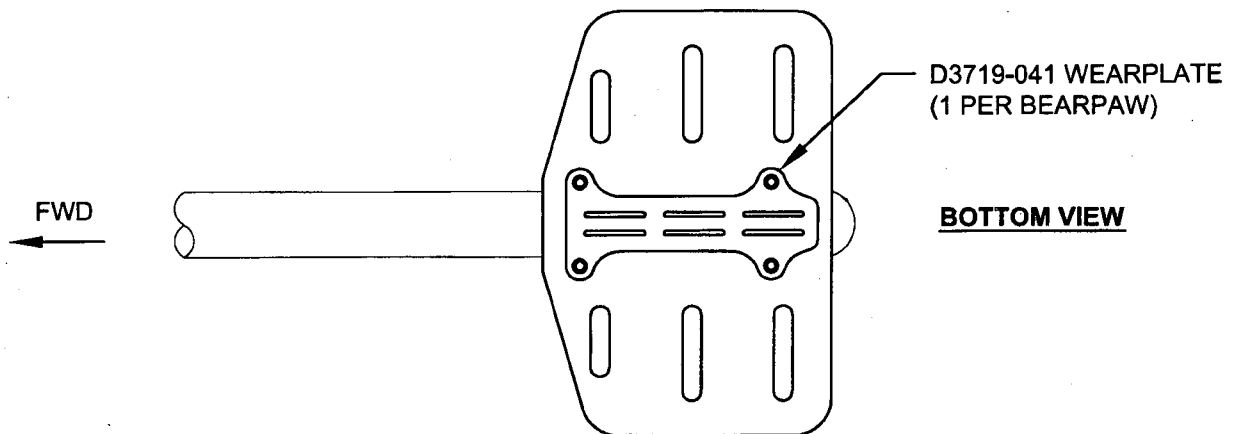
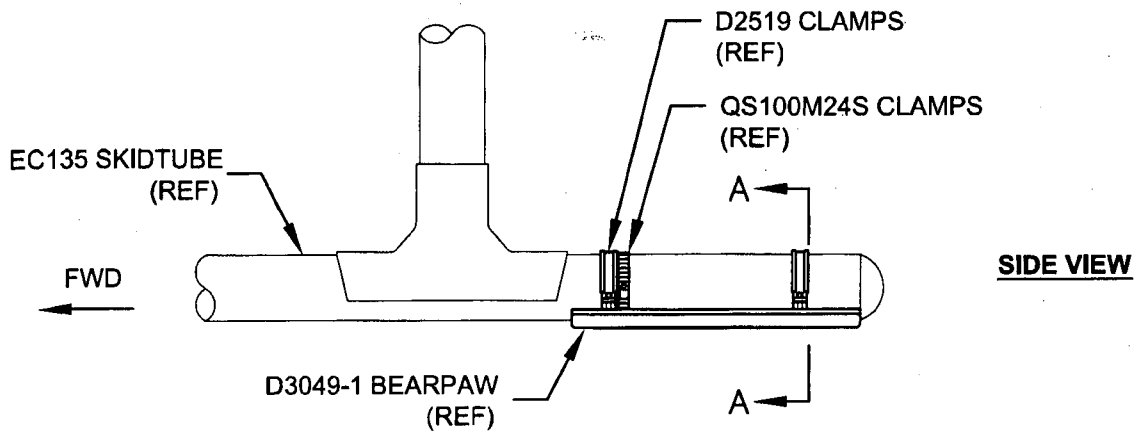
PARTS LIST

QTY	Part Number	Description
X	D135-692-041	Wearplate Kit
2	D3719-041	Wearplate
8	AN4-15A	Bolt
8	AN960JD416	Washer
8	MS21042L4	Nut (or MS21042-4)

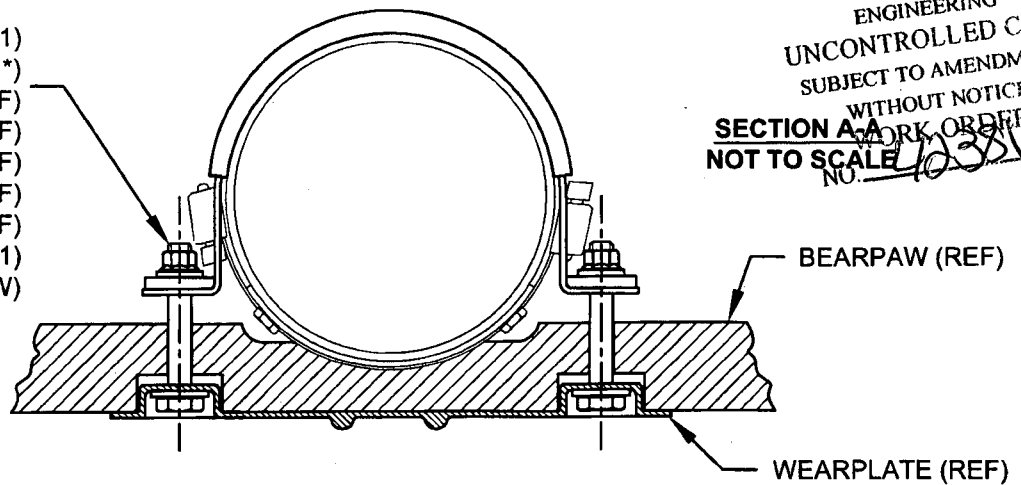
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WORK ORDER
NO. 42381

A	NEW ISSUE	CP	07.12.12
REV.	DESCRIPTION	BY	DATE
DESIGN	<i>qp</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>qp</i>		
CHECKED	<i>140</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>E</i>	DSI 9400	SHEET 1 OF 2
APPROVED	<i>140</i>	TITLE	SCALE
DE APPR.	<i>140</i>	WEARPLATE KIT	NTS
DATE	07.12.12	COPYRIGHT © 2007 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

FIGURE 1: D135-692-041 WEARPLATE KIT



- MS21042L4 NUT (1)
- AN960JD416 WASHER (1*)
- D2274 RADIUS BLOCK (REF)
- D2519 CLAMP (REF)
- BEARPAW (REF)
- WEARPLATE (REF)
- D2529 WASHER (REF)
- AN4-15A BOLT (1)
- (4 PLACES PER BEARPAW)



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* ADDITIONAL AN960JD416 WASHERS MAY BE INSTALLED UNDER THE NUTS TO ENSURE 1.5-4 THREADS IN SAFETY ON THE BOLTS. IT IS ALSO ACCEPTABLE TO REPLACE THE AN4-15A BOLTS WITH LONGER OR SHORTER AN4 BOLTS, IF REQUIRED.

DESIGN	90	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	90		
CHECKED	140	DRAWING NO.	REV. A
MFG. APPR.	8	DSI 9400	SHEET 2 OF 2
APPROVED	40	TITLE	SCALE
DE APPR.	40	WEARPLATE KIT	NTS
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